

IN THE CLAIMS:

Please cancel Claim 15 without prejudice or disclaimer of subject matter, and amend the claims as shown below. The claims, as currently pending in the subject application, now read as follows:

1. to 13. (Cancelled)

14. (Currently Amended) An information processing apparatus communicating with a server device and a printer, the information processing apparatus comprising:

a cache memory constructed to cache image data downloaded as image data to be printed, from the server device to the information processing apparatus, and transmitted to the printer;

a first storage unit constructed to store a cache list of the image data cached in the cache memory;

a designation unit constructed configured to designate a plurality of image data to be printed among image data stored in the server device in response to a user operation;

a second storage unit constructed to store a print list of the image data to be printed;

a comparison unit constructed to compare the cache list and the print list; a transmission downloading unit constructed configured to download the designated image data which is in the print list but not in the cache list from the server

device and transmit the downloaded image data to the printer; and further constructed to identify image data which is in both the print list and the cache list and transmit the identified image data from the cache memory to the printer; and

a cache memory configured to cache the downloaded image data;

a print processing unit configured to read the cached image data from the cache memory and execute print processing of the read image data; and

a deletion unit ~~constructed~~ configured to delete from the cache memory the image data which is in the cache list but not in the print list before the next image data to be printed is designated by the designation unit, so as to prevent the image data which was not successively selected designated by said designation unit as image data to be printed from remaining in the cache memory, and not delete from the cache memory the image data which is successively designated by said designation unit, when said designation unit newly designates a plurality of image data.

wherein said downloading unit downloads the newly designated image data to be printed which is not cached in the cache memory from the server device.

15. (Cancelled)

16. (Currently Amended) An information processing method performed in an information processing apparatus communicating with a server device and a printer, the method comprising:

caching in cache memory image data downloaded as image data to be printed, from the server device to the information processing apparatus, and transmitted to the printer;

storing a cache list of the image data cached in the cache memory;

designating a plurality of image data to be printed among image data stored in the server device in response to a user operation:

storing a print list of the image data to be printed;

comparing the cache list and the print list;

downloading the designated image data which are in the print list but not in the cache list from the server device and transmitting the downloaded image data to the printer;

caching the downloaded image data in a cache memory included in the information processing apparatus;

reading the cached image data from the cache memory and executing print processing of the read image data;

identifying image data which is in both the cache list and the print list and transmitting the identified image data from the cache memory to the printer; and

deleting from the cache memory the image data which is in the cache list but not in the print list before the next image data to be printed is designated, so as to prevent the image data which was not successively selected designated as image data to be printed from remaining in the cache memory, and not deleting from the cache memory the image data which is successively designated, when a plurality of image data is newly designated;

and

downloading the newly designated image data to be printed which is not cached in the cache memory from the server device.

17. (Currently Amended) A computer-readable non-transitory storage medium storing a computer-executable program for an information processing method performed in an information processing apparatus communicating with a server device and a printer, comprising:

a step of caching in cache memory image data downloaded as image data to be printed, from the server device to the information processing apparatus, and transmitted to the printer;

a step of storing a cache list of the image data cached in the cache memory; a step of designating a plurality of image data to be printed among image data stored in the server device in response to a user operation;

a step of storing a print list of the image data to be printed;
a step of comparing the cache list and the print list;
a step of downloading the designated image data which are in the print list but not in the cache list from the server device and transmitting the downloaded image data to the printer;

a step of caching the downloaded image data in a cache memory included in the information processing apparatus;

a step of reading the cached image data from the cache memory and executing print processing of the read image data;

a step of identifying image data which is in both the cache list and the print

list and transmitting the identified image data from the cache memory to the printer; and
a step of deleting from the cache memory the image data which is in the
cache list but not in the print list before the next image data to be printed is designated, so
as to prevent the image data which was not successively selected designated as image data
to be printed from remaining in the cache memory, and not deleting from the cache memory
the image data which is successively designated, when a plurality of image data is newly
designated; and
a step of downloading the newly designated image data to be printed which
is not cached in the cache memory from the server device.